Contribution ID: **37** Type: **Poster**

Charged Current Charged Pion and Charged Current Coherent Pion Production

Thursday, October 25, 2012 6:00 PM (1h 30m)

MINERvA (Main Injector Experiment for v-A) is a neutrino scattering experiment in the 1-10 GeV energy range in the NuMI high-intensity neutrino beam at FermiNational Accelerator Laboratory. MINERvA is measuring neutrino/antineutrino scattering off a variety of different nuclear materials (C, Fe, Pb, He, H2O). This poster will describe the analysis of Charged Current Charged Pion Production with emphasis on Coherent Pion Production and MINERvA's methods for differentiating signal from background.

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Session Classification: Happy hour with posters

Track Classification: Happy hour with posters